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(8 AND 30).USPT,PGPB.	27
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<u>L31</u>	L30 and L8	27	<u>L31</u>
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<u>L30</u>	L29 and ((coat\$3 or deposit\$3 or layer or film or ALE or ALD or \$4CVD) with (W or tungsten or WN or TaN or (tantalum nitride) or (titanium nitride) or TiN or Cu or copper or Al or aluminum or (ruthenium oxide) or RuO or (iridium oxide) or IrO or Ag or silver))	257	<u>L30</u>
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<u>L29</u>	((ALD or ALE or (atomic near2 (epitax\$4 or deposit\$4)) or (puls\$4 near2 (\$2CVD or (vapor near2 deposit)))) same (photo\$10 or UV or ultraviolet or (ultra violet) or radiation or light))	397	<u>L29</u>
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<u>L28</u>	((ALD or ALE or (atomic near2 (epitax\$4 or deposit\$4)) or (puls\$4 near2 (\$2CVD or (vapor near2 deposit)))) same (photo\$10 or UV or ultraviolet or (ultra violet) or radiation or light))	397	<u>L28</u>
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DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

((ALD or ALE or (atomic near2 (epitax\$4 or deposit\$4)) or (puls\$4

<u>L27</u>	near2 (\$2CVD or (vapor near2 deposit)))) same (photo\$10 or UV or ultraviolet or (ultra violet) or radiation or light))	462	<u>L27</u>
<u>L26</u>	((ALD or ALE or (atomic near2 (epitax\$4 or deposit\$4)) or (puls\$4 near2 (\$2CVD or (vapor near2 deposit)))) same (cold wall\$2))	4	<u>L26</u>
<u>L25</u>	L24 not L23	0	<u>L25</u>
<u>L24</u>	(ALD or ALE or (atomic near2 (epitax\$4 or deposit\$4)) or (puls\$4 near2 (\$2CVD or (vapor near2 deposit)))) and ((cold wall\$2) near10 (benefi\$4 or advantag\$5 or desir\$6 or prefer\$6))	4	<u>L24</u>
<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>			
<u>L23</u>	(ALD or ALE or (atomic near2 (epitax\$4 or deposit\$4)) or (puls\$4 near2 (\$2CVD or (vapor near2 deposit)))) and ((cold wall\$2) near5 (benefi\$4 or advantag\$5 or desir\$6 or prefer\$6))	4	<u>L23</u>
<u>L22</u>	5710407.pn. and (puls\$5)	1	<u>L22</u>
<u>L21</u>	5710407.pn. and (cold wall\$2)	1	<u>L21</u>
<u>L20</u>	(ALD or ALE or (atomic near2 (epitax\$4 or deposit\$4)) or (puls\$4 near2 (\$2CVD or (vapor near2 deposit)))) and (cold wall\$2) and (photo\$10 or UV or ultraviolet or (ultra violet) or radiation or light)	30	<u>L20</u>
<u>L19</u>	L18 and ((photo\$10 or UV or ultraviolet or (ultra violet) or radiation or light) with (continu\$6 or pulse or pulsed or pulsing or intermit\$9 or (on near2 off) or activat\$3 or assist\$4 or decompos\$6))	476	<u>L19</u>
<u>L18</u>	L17 and ((cold near2 wall\$2) or (cool\$3 near3 (reactor or vessel or chamber or wall)))	1937	<u>L18</u>
<u>L17</u>	((pulse or pulsed or pulsing or intermit\$9 or discontin\$7 or (on near3 off)) near3 (source or reagent or reactant or precursor or fluid or gas or vapor or \$4CVD or (vapor near2 deposit\$3))) or ALE or ALD or (atomic near2 (epitax\$4 or deposit\$3)))	54097	<u>L17</u>
<i>DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L16</u>	L15 and (photo\$10 or UV or ultraviolet or (ultra violet) or radiation or light)	20	<u>L16</u>
<u>L15</u>	L14 and ((cold near2 wall\$2) or (cool\$3 near3 (reactor or vessel or chamber or wall)))	113	<u>L15</u>
<u>L14</u>	((pulse or pulsed or pulsing or intermit\$9 or discontin\$7 or (on near3 off)) near3 (source or reagent or reactant or precursor or fluid or gas or vapor or \$4CVD or (vapor near2 deposit\$3))) or ALE or ALD or (atomic near2 (epitax\$4 or deposit\$3)))	25633	<u>L14</u>
<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>			
<u>L13</u>	(rapid thermal processing).ti. and nishikawa.in.	5	<u>L13</u>
<u>L12</u>	5444217.pn.	1	<u>L12</u>
<u>L11</u>	L10 and (photo\$10 or UV or ultraviolet or (ultra violet) or radiation or light)	73	<u>L11</u>
<u>L10</u>	L9 and ((cold near2 wall\$2) or (cool\$3 near3 (reactor or vessel or chamber or wall)))	110	<u>L10</u>
<u>L9</u>	L8 and (((pulse or pulsed or pulsing or intermit\$9 or discontin\$7 or (on near3 off)) near3 (source or reagent or reactant or precursor or fluid or gas or vapor or \$4CVD or (vapor near2 deposit\$3))) or ALE	449	<u>L9</u>

	or ALD or (atomic near2 (epitax\$4 or deposit\$3)))		
<u>L8</u>	L3 or L4 or L5 or L6 or L7	5748	<u>L8</u>
<u>L7</u>	((438/680).icls. or (438/681).icls. or (438/788).icls. or ((438/792)!.ICLS.))	794	<u>L7</u>
<u>L6</u>	((118/725)!.ICLS.)	1174	<u>L6</u>
<u>L5</u>	((117/88).icls. or (117/89).icls. or ((117/93)!.ICLS.))	336	<u>L5</u>
<u>L4</u>	((427/248.1).icls. or (427/250).icls. or (427/255.23).icls. or (427/255.28).icls. or (427/255.31).icls. or (427/255.32).icls. or (427/255.36).icls. or (427/255.392).icls. or (427/255.394).icls. or ((427/255.7)!.ICLS.))	2816	<u>L4</u>
<u>L3</u>	((427/492).icls. or (427/493).icls. or (427/508).icls. or (427/509).icls. or (427/553).icls. or (427/558).icls. or (427/582).icls. or (427/583).icls. or ((427/584)!.ICLS.))	910	<u>L3</u>
<u>L2</u>	L1 and ((cold near2 wall\$2) or quartz or (cool\$3 near3 (reactor or vessel or chamber or wall)))	1	<u>L2</u>
<u>L1</u>	5443033.pn. or 5495822.pn. or 6124158.pn. or 5705224.pn. or 5972430.pn. or 6203613.pn. or 5965219.pn. or 5863327.pn. or 5311055.pn.	9	<u>L1</u>

END OF SEARCH HISTORY